<u>**Amendments to the Claims:**</u>

1. (Currently Amended) A device for communication, comprising:

an optical sensor to capture an image<u>, the image comprising a class of data embedded in the</u> <u>image, the class of data having an associated predetermined function and comprising at least one of</u> <u>characters and numbers</u>; and

a processor~~, the processor~~ configured to ~~automatically~~ identify ~~a plurality of possible classes~~ ~~of data in the image by decoding and analyzing pixels in the image, the processor identifying~~ [[a]] <u>the</u> class of data in the image <u>from a</u> ~~of the~~ plurality of <u>possible</u> classes of data and automatically perform~~ing a~~ <u>the associated</u> predetermined function ~~associated with the class of data including~~ ~~performing commands contained in the image~~ in response to the class of data being identified ~~in the~~ ~~image, each of the plurality of possible classes~~ <u>the class</u> of data having an associated predetermined ~~function,~~

~~wherein the predetermined function comprises decoding data from one or more images to~~ ~~reprogram a communication device, and~~

~~wherein the plurality of possible classes of data comprise data visible to a human eye and~~ ~~data unintelligible to a human eye comprising at least one of subliminal data, data formed using~~ ~~steganography, or watermarking~~.

2. (Original) The device of claim 1, wherein the optical sensor comprises one of a charge coupled device, a complimentary metal oxide semiconductor (CMOS) and a camera.

3. (Original) The device of claim 1, further comprising a data structure including computer-executable instructions executable by one of the optical sensor and the processor to decode pixels in the image to identify or select the associated class of data.

4. (Canceled)

5. (Previously Presented) The device of claim 1, further comprising a display to display at least one of the image and the class of data.

6. (Canceled)

7. (Currently Amended) The device of claim 1, wherein the plurality of possible classes of data comprise at least one of a phone number, a list of phone numbers, ~~a bar code,~~ access information to a web site, a sequence of commands, and information associated with a product or service.

8. (Original) The device of claim 7, wherein the sequence of commands comprises commands to be performed automatically by a communication device.

9. (Original) The device of claim 8, wherein the communication device comprises a cellular telephone.

10. (Original) The device of claim 7, wherein the sequence of commands comprises commands to be performed by a communication device in response to a password.

11. (Original) The device of claim 10, wherein the communication device comprises a cellular telephone.

12. (Original) The device of claim 10, further comprising at least one of a user interface and a voice recognition function to enter the password.

13. (Original) The device of claim 1, wherein the optical sensor is operable to capture the image from one of a television, a video monitor, and a fixed medium.

14. (Canceled)

15. (Previously Presented) The device of claim 1, wherein transmitting a signal to order a product or service comprises sending one of a short message service (SMS) message, email message, or voice or data message, each including information associated with a purchaser.

16. (Original) The device of claim 1, further comprising a user interface to at least one of select the class of data from the image, edit the class of data, store the class data and transmit the class of data.

17. (Currently Amended) A device for communication, comprising:

an optical sensor to capture an image, the image comprising a class of data embedded in the image, the class of data having an associated predetermined function and comprising at least one of characters and numbers;

a processor, wherein a data structure operable in association with one of the optical sensor, the processor and a mobile system includes computer-executable instructions to ~~capable of automatically~~ ~~identifying~~ identify the class of data from a plurality of possible classes of data in the image by decoding and analyzing pixels in the image~~, the computer-executable instructions identifying a class of data in the image of the plurality of possible classes of data~~;

another data structure operable in association with the processor to automatically perform the ~~a~~ predetermined function associated with the class of data ~~including performing commands contained in the image~~ in response to the class of data being identified in the image~~, each of the plurality of possible classes of data having an associated predetermined function~~; and

a transmitter to transmit signals in response to the class of data~~,~~

~~wherein the predetermined function comprises decoding data from one or more images to reprogram a communication device, and~~

~~wherein the plurality of possible classes of data comprise data visible to a human eye and data unintelligible to a human eye comprising at least one of subliminal data, data formed using steganography, or watermarking.~~

18. (Original) The device of claim 17, wherein the data structure operable in association with one of the optical sensor, the processor and the mobile system includes computer-executable instructions executable by one of the optical sensor, the processor and the mobile system to decode pixels in the image to identify or select the class of data.

19. (Original) The device of claim 17, further comprising a storage device to store at least one of the image and the class of data.

20. (Original) The device of claim 17, further comprising a display to display at least one of the image and the class of data.

21. (Original) The device of claim 20, further comprising at least one function button to select the class of data from the image.

22. (Original) The device of claim 21, further comprising a pointing device to select the class data from the image.

23. (Original) The device of claim 17, further comprising a user interface to at least one of select the class data from the image, edit the class of data, store the class of data and transmit the class of data.

24. (Original) The device of claim 17, wherein the class of data comprises at least one of a phone number, a list of phone numbers, access information to a web site, a sequence of commands, and information associated with a product or service.

25. (Canceled)

26. (Withdrawn) A device for communication, comprising:
a microphone to receive an acoustic signal; and

a processor to decode a class of data from the acoustic signal and to perform a predetermined function in response to the class of data.

27. (Withdrawn) The device of claim 26, wherein the class of data comprises at least one of a phone number, a list of phone numbers, a bar code, access information to a web site, a sequence of commands, and information associated with a product or service.

28. (Withdrawn) The device of claim 27, wherein the sequence of commands comprises commands performable automatically by a communication device.

29. (Withdrawn) The device of claim 27, wherein the sequence of commands comprises commands performable by a communication device in response to a password.

30. (Withdrawn) The device of claim 29, further comprising at least one of a user interface and a voice recognition system to enter the password.

31. (Withdrawn) The device of claim 26, wherein the predetermined function comprises one of transmitting a signal to order a product or service, decoding data from one or more images to reprogram a communication device, downloading communication device setup parameters, storing one or more phone numbers and storing information associated with a web site or email address, establishing communications, accessing a web site, and sending an email message.

32. (Currently Amended) A method for communication, comprising:

capturing an image, the image comprising a class of data comprising at least one of characters and numbers embedded in the image;

~~automatically~~ identifying a class of data in the image of a plurality of possible classes of data by decoding and analyzing pixels in the image, the class of data having an associated predetermined function; and

automatically performing a predetermined function associated with the class data ~~including performing commands contained in the image~~ in response to the class of data being

identified in the image, ~~each of the plurality of possible classes of data having an associated~~ ~~predetermined function,~~

~~wherein performing the predetermined function comprises decoding data from one or~~ ~~more images to reprogram a communication device, and~~

~~wherein the plurality of possible classes of data comprise data visible to a human eye~~ ~~and data unintelligible to a human eye comprising at least one of subliminal data, data formed using~~ ~~steganography, or watermarking~~.

33. (Original) The method of claim 32, further comprising decoding pixels in the image to identify or select the class of data.

34. (Original) The method of claim 32, further comprising displaying at least one of the image and the class of data.

35. (Original) The method of claim 32, wherein identifying or selecting the class of data comprises identifying at least one of a phone number, a list of phone numbers, a bar code, access information to a web site, a sequence of commands, and information associated with a product or service.

36. (Original) The method of claim 35, further comprising performing the sequence of commands automatically.

37. (Original) The method of claim 35, further comprising performing the sequence of commands in response to a password.

38. (Original) The method of claim 35, further comprising receiving the password via at least one of a voice recognition system and a user interface.

39. (Canceled)

40. (Previously Presented) The method of claim 32, wherein transmitting a signal to order a product or service comprises sending one of a short message service (SMS) message, an email message, or a voice or data message, each including information associated with a purchaser.

41. (Previously Presented) The method of claim 32, further comprising retrieving purchaser information from a data source in response to transmitting a signal to order a product or service.

42. (Original) The method of claim 32, further comprising at least one of selecting the class of data from the image, editing the class of data, storing the class of data and transmitting the class of data.

43. (Withdrawn) A method for communication, comprising:
  receiving an acoustic signal;
  identifying or selecting a class of data from the acoustic signal; and
  performing a predetermined function in response to the class of data.

44. (Withdrawn) The method of claim 43, wherein identifying or selecting the class of data comprises identifying at least one of a phone number, a list of phone numbers, a bar code, access information to a web site, a sequence of commands, and information associated with a product or service.45. The method of claim 44, further comprising performing the sequence of commands automatically.

46. (Withdrawn) The method of claim 44, further comprising performing the sequence of commands in response to a password.

47. (Withdrawn) The method of claim 43, wherein performing the predetermined function comprises one of transmitting a signal to order a product or service, decoding data from one or more images to reprogram a communication device, downloading communication device setup

parameters, storing one or more phone numbers, storing information associated with a web site or email address, establishing a phone call, accessing a web site and sending an email message.

48.   (Currently Amended) A computer-readable <u>storage</u> medium having computer-executable instructions<u>, when executed on a computer, allows the computer to</u> ~~for~~ perform~~ing~~ a method, <u>the method</u> comprising:

        capturing an image<u>, the image comprising a class of data embedded in the image, the class of data having an associated predetermined function and comprising at least one of characters and numbers</u>;

        ~~automatically~~ identifying a class of data in the image of a plurality of possible classes of data by decoding and analyzing pixels in the image; and

        automatically performing a predetermined function associated with the class of data ~~including performing commands contained in the image~~ in response to the class of data being identified in the image, each of the plurality of possible classes of data having an associated predetermined function,

        ~~wherein performing the predetermined function comprises decoding data from one or more images to reprogram a communication device, and~~

        ~~wherein the plurality of possible classes of data comprise data visible to a human eye and data unintelligible to a human eye comprising at least one of subliminal data, data formed using steganography, or watermarking.~~

49.   (Currently Amended) The computer-readable <u>storage</u> medium having computer-executable instructions for performing the method of claim 48, further comprising decoding pixels in the image to identify or select the class of data.

50.   (Currently Amended) The computer-readable<u>storage</u> medium having computer-executable instructions for performing the method of claim 48, wherein identifying or selecting the class of data comprises identifying at least one of a phone number, a list of phone numbers, a bar

code, access information to a web site, a sequence of commands, and information associated with a product or service.

51. (Currently Amended) The computer-readable storage medium having computer-executable instructions for performing the method of claim 50, further comprising performing the sequence of commands automatically.

52. (Currently Amended) The computer-readable storage medium having computer-executable instructions for performing the method of claim 50, further comprising performing the sequence of commands in response to a password.

53. (Canceled)

54. (Currently Amended) The computer-readable storage medium having computer-executable instructions for performing the method of claim 48, wherein transmitting a signal to order a product or service comprises sending one of a short message service (SMS) message, an email message, or a voice or data message, each including information associated with a purchaser.

55. (New) The device of claim 1, wherein the class of data comprises data that is visible and comprehensible to a human eye.

56. (New) The device of claim 1, wherein the predetermined function comprises one of transmitting a signal to order a product or service, decoding data from one or more images to reprogram a communication device, downloading communication device setup parameters, storing one or more phone numbers, establishing a call, storing information associated with a web site or email address, accessing a web site, and sending an email message.

57. (New) The device of claim 17, wherein the predetermined function comprises one of transmitting a signal to order a product or service, decoding data from one or more images to

reprogram a communication device, downloading communication device setup parameters, storing one or more phone numbers, establishing communications, storing information associated with a web site or email address, accessing a web site, and sending an email message.

58. (New) The method of claim 32, wherein performing the predetermined function comprises one of transmitting a signal to order a product or service, decoding data from one or more images to reprogram a communication device, downloading communication device setup parameters, storing one or more phone numbers, storing information associated with a web site or email address, establishing a phone call, accessing a web site and sending an email message.

59. (New) The computer-readable medium having computer-executable instructions for performing the method of claim 48, wherein performing the predetermined function comprises performing commands contained in the image.